

From owner-qrp-l@netcom.com Sat Jan 14 04:38:41 1995
Subject: 40m CW
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.6955.500@acenet.com>
Date: Fri, 13 Jan 1995 16:22:00 -0500

>From: brian.carling@acenet.com

40 meter CW - use it or LOSE it!

CA>Decided that I would do single band 40M in the MI Test.
CA>After sunset turned on the Sierra and WOW. RTTY stuff from
CA>7.035 or so up to 7.050 and we are talking QRO 40over9 signals!
CA>Every once in a while I could catch some QRP signals, but only
CA>one worked, a VE4.

CA>dit dit
CA>Chuck Adams K5FO CP-60 adams@sgi.com

brian.carling@acenet.com

~ SLMR 2.1a ~ brian.carling@acenet.com

From owner-qrp-l@netcom.com Sat Jan 14 20:49:35 1995
From: HUBMML@LURE.LATROBE.EDU.AU
Date: Sun, 15 Jan 1995 11:01:12 +1000
Message-Id: <01HLVFWI1B7M90MX9J@LURE.LATROBE.EDU.AU>
Subject: <didn't bother with a subject>

UNSUBSCRIBE QRL-L

From owner-qrp-l@netcom.com Mon Jan 16 00:50:39 1995
From: NYOUNG@nova.wright.edu
Date: Sun, 15 Jan 1995 23:10:52 -0400 (EDT)
Subject: After the band died, the executor of the estate sold the instruments.
Message-Id: <01HLW53U2I028WY6N0@nova.wright.edu>

I finally gave up and moved my frozen fingers into the house.
Actually, I had no choice. It had been rather chilly during
the process of building up the Howes 30m rig, and the heat from
the iron had burned my thumbs and forefingers on both hands 'cause
I didn't think the heat was getting through to the skin. Seriously.
I now have this leather stuff flaking off under my fingernails and
stuff like that. As Beavis would say, "It's like heh heh leather
heh heh or somethin'."

So I put the ARK4 and the little Howes 40m rig in the house. (the 30m rig is going through temperature tests....) and sat down today to listen. Lo and bespeckled, I heard AA4LL talking with someone who mentioned the Argo II. Turns out that AA4LL (who really has a name: it's Ray) was running the Argo II from his digs near Knoxville. Just as he told me that info, the band did one of those "please now, it's time. closing!" numbers and logged me out to do back ups. I never got to gibber with him past the point of who, what, where, why, when & how. (See, I learned something in journalism class.)

Still, I have to admit that it's much nicer having the warm room around my shoulders, even if the antenna "like sucks heh heh or somethin'." Maybe I'll find time between grading papers and portfolios and reading research stuff and working up the second half of the quarter's syllabus to get on the air again. I'll have to do something. My biker buddies want me to come over and watch the piranha fish mud wrestle the three rubber chicken trophy winners in a dry sweatsuit party. And they want me to referee. Sometimes you just get lucky, y'knowwhadImean, Verne.

73

Nils

WB8IJN &c

"Like what's a comma splice, dude?"

From owner-qrp-1@netcom.com Sat Jan 14 05:07:42 1995

Date: Fri, 13 Jan 95 19:33:47 -0600

From: adams@chuck.dallas.sgi.com (chuck adams)

Message-Id: <9501140133.AA24591@chuck.dallas.sgi.com>

Subject: Re: Anyone on 30 meters these days?

Pete,

At sunset and after you can expect 10MHz to be dead.

It's just the winter propagation. During summer the band will stay open long after sunset.

If you can't hear WWV at 10 MHz with their 10KW or whatever it is, you surely won't hear 1W on 10.100 to 10.150. :-)

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Sat Jan 14 06:28:21 1995

Date: Fri, 13 Jan 1995 20:11:31 -0800 (PST)
From: Steven Wilson <randyw@crl.com>
Subject: Re: Anyone on 30 meters these days?
Message-Id: <Pine.SUN.3.91.950113201036.16478A-100000@crl9.crl.com>

Yes 30 has been dieing in the evening. think you will find it alive and well during the day. a lot of qrp stns on 30. 73 de stan ak0b

From owner-qrp-l@netcom.com Sun Jan 15 12:23:32 1995
Date: Sun, 15 Jan 1995 08:16:50 -0800
Message-Id: <199501151616.IAA01439@ix3.ix.netcom.com>
From: duwayne@ix.netcom.com (duwayne schmidlkofer)
Subject: Archive of this maillist

I have been traveling a lot, and when I get home I find a very large number of messages. Is there a archive site available for this mail list.

Thanks DuWayne Schmidlkofer
KE4HMP

From owner-qrp-l@netcom.com Sun Jan 15 14:53:52 1995
From: ab4el@cybernetics.net (Stephen Modena)
Message-Id: <9501151719.AA28626@cybernetics.net>
Subject: Archive of this maillist
Date: Sun, 15 Jan 1995 12:19:03 -0500 (EST)

> Date: Sun, 15 Jan 1995 08:16:50 -0800
> From: duwayne@ix.netcom.com (duwayne schmidlkofer)
> Subject: Archive of this maillist
>
> I have been traveling a lot, and when I get home I find a very large
> number of messages. Is there a archive site available for this mail
> list.
>

For anonymous ftp:

Sunsite.unc.edu
/pub/academic/agriculture/agronomy/QRP

For gopher:

gopher SunSITE.unc.edu
From the top menu, select this order of choices:

5, 4, 8, 3, 3, 8, 5

For WWW:

<http://www.theporch.com/~shimshon>

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-l@netcom.com Sat Jan 14 16:37:03 1995
Date: Sat, 14 Jan 1995 12:52:43 -0600 (CST)
From: Theodore Drake <tdrake@metronet.com>
Subject: Considerate operators Guide
Message-Id: <Pine.HPP.3.90.950114124649.5628A-100000@fohnix.metronet.com>

HQARRL1@aol.com
Cc: qrp-l@netcom.netcom.com, quiat@csn.org
Subject: Jan. QST
Sender: owner-qrp-l@netcom.netcom.com
Precedence: list

To: George Wilson III, Pres.
Dave Sumner, Exec. V.P.

Re: Jan. QST - A "Considerate Operator's Frequency Guide"

I would like to second WOHEP's letter expressing our disappointment to see that there was no listing of the internationally recognized QRP operating frequencies in the the article in January QST.

Please realize that Rich's comments reflect the feelings of many ARRL members who are 'into' QRP.

73 'Doc' W5TB
Arlinton, TX
ARRL life member

From owner-qrp-l@netcom.com Sat Jan 14 22:37:20 1995
Date: Sat, 14 Jan 95 15:13:20 HST
From: jeffrey@math.hawaii.edu (Jeffrey Herman)
Message-Id: <9501150113.AA19471@kahuna.math.hawaii.edu>
Subject: creating a newsgroup

I recently received an email from someone expressing a desire to create a 10-10 newsgroup. Although I don't believe another news-group is needed (a mail reflector would be a better idea), I have

found the step-by-step procedure for the creation of an alt group and will forward it to who ever requested the info (I deleted his request).

I have mixed feelings about the 10-10 organization, but one positive aspect of it is that it does perpetuate 10 meter activity (which is important in these low-sunspot times).

73 from warm and sunny Hawaii,
Jeff NH6IL

From owner-qrp-1@netcom.com Sun Jan 15 11:41:19 1995
Date: 15 Jan 95 10:26:41 EST
From: Craig LaBarge <74740.3166@compuserve.com>
Subject: CW Fox Hunt Reminder...
Message-Id: <950115152640_74740.3166_EHB114-1@CompuServe.COM>

Greetings, Fox Hunters:

Good Lord willin' and the creek don't rise, WB3GCK will be the CW fox this week. I'll be on Monday evening (US time) from 7PM to 9PM EST. (That's 0000Z to 0200Z January 17th).

I'll be on 7.110+ for the first 30 minutes and 7.040 +/- for the rest.

Instead of the rainspout, this time I'll be using my patented "throw a quarter-wavelength worth of wire out the second story window after dark so the neighbors won't ask questions" antenna. It's been working pretty good lately. With a little luck and some halfway decent band conditions, maybe I'll work a few more stations this time out.

So, switch in the filter, crank up the audio, and happy hunting!

73, Craig WB3GCK

From owner-qrp-1@netcom.com Sun Jan 15 21:40:54 1995
From: rossi@VFL.Paramax.COM
Message-Id: <9501160009.AA00724@gvlf9-a>
Date: Sun, 15 Jan 95 19:09:31 EST
Subject: Re: CW Fox Hunt Reminder...

->Greetings, Fox Hunters:

->

->Good Lord willin' and the creek don't rise, WB3GCK will be the CW fox this
->week. I'll be on Monday evening (US time) from 7PM to 9PM EST. (That's
->0000Z to 0200Z January 17th).

->

->I'll be on 7.110+ for the first 30 minutes and 7.040 +/- for the rest.

I'll be looking for you .. but can't stick around past 8PM. I want to catch the that new Star Trek premier at 8 PM... First things first :-)

If the activity drops off sharply after 8 PM this might be why :-) .. at least here in EST time zone..

Hope the new antenna works out.. and it stays up in all the wind we have been getting..

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Unisys Corporation - Government Systems Group
Valley Forge Engineering Center - Paoli, Pennsylvania

From owner-qrp-1@netcom.com Sat Jan 14 22:01:21 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: Dans Small Parts: QRP part source
Date: Sat, 14 Jan 95 17:46:39 EST5EDT
Message-Id: <1995Jan14.174639.28641@wb3ffv.ampr.org>

Just in case anyone wonders where Dans SPAK came from--back when I was still active duty and living on the base, which makes it 1990 or earlier, KA7QJY called me up after reading something I wrote in the QRP Quarterly, I think. He said he bought up lots of surplus electronics parts that looked good, sold off most at a profit and ended up with all the parts he wanted for his own use free. He indicated he would be interested in selling to QRPers, since he apparently was one, or at least a homebrewer. He made a number (large number!) of calls to me and various other rabid homebrewing QRPers, picking our brains repeatedly and at great length, asking us what we wanted, as QRPers and homebrewers. The bottom line is that Danny has so many goodies of interest to the QRPer because he specifically tailored his business to match up with our needs and desires, and did that quite well. (And at great prices, no less.) By the way, one thing he was quite adamant about in the early days was that he would NEVER, under any circumstances, get into supplying kits, and wanted to avoid that like the plague. Then again, the Eagles got back together... 73 and Queue
Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA

Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Sun Jan 15 23:51:48 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: E-mail filter is great!
Date: Sun, 15 Jan 95 21:07:55 EST5EDT
Message-Id: <1995Jan15.210755.4835@wb3ffv.ampr.org>

Glad to hear you got the mail filter working well for you.
Unfortunately, not everyone has something like Pine or Elm or other mail readers available. For instance, I am operating under UniBoard, which is running under Unix on my host system but gives me very minimal capabilities; I can read and delete mail in my box and very little else. It certainly has none of the capability of Pine or Elm. I understand there is something called PCPINE, which is Pine that will run on a PC. I downloaded it from an FTP site while at work and took it home, and it will NOT work on my PC running into the BBS I use--it requires some other drivers to go with it, and might not ever be possible to use it with the BBS where I get my mail. Does anyone out there use PCPINE, or know of a mail reader that will allow me to download my mailbox and read it offline at my convenience? (I do not have SLIP or any such thing.) 73 and Queue Our Pea DE WA8MCQ
--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Sat Jan 14 03:11:22 1995
Message-Id: <logullo.1140422915A@apple.com>
Date: Fri, 13 Jan 95 16:14:35 CST
From: "Jeff Logullo" <logullo@apple.com>
Subject: Re: Enamel paint as used on older Ten-Tecs

I built a QRP tuner (one of our club projects) and after some hunting, I bought some Testor's "Radome Tan" paint (hobby shop model paints). Sprayed on with an airbrush, tho I suppose you can buy the color in aerosol cans. I then rubbed on some of those rub-on transfer letters, and finished over all that (the tan paint is flat) with Testor's gloss finish. It turned out rather sexy, I think.

>Does anyone know where I might get a glossy enamel paint as used on the
>top/front panels of the power-mite series (it is a kind of yellowish
>color; I don't know what the real name is)?

>

>73 Dave WB0GAZ dgf@netcom.com

>

>(home for wayward, orphaned, abused and abandoned Ten-Tec power-mites)

From owner-qrp-1@netcom.com Sat Jan 14 09:24:42 1995
Date: Sat, 14 Jan 1995 06:43:13 -0600 (CST)
From: Bob Howle <bhowle@freud.inst.com>
Subject: Re: Enamel paint as used on older Ten-Tecs
Message-Id: <Pine.SOL.3.90.950114063937.12290A-100000@freud>

On Fri, 13 Jan 1995, Dave, WB0GAZ wrote:

>
> >Does anyone know where I might get a glossy enamel paint as used on the
> >top/front panels of the power-mite series (it is a kind of yellowish
> >color; I don't know what the real name is)?
> >
> >73 Dave WB0GAZ dgf@netcom.com
> >
> >(home for wayward, orphaned, abused and abandoned Ten-Tec power-mites)
>

Dave -

You might try a RV service outfit - that old Ten Tec 'off-white'

color looks very close to the color used for RV propane bottles.

Bob / WA4ZID

From owner-qrp-1@netcom.com Sun Jan 15 23:55:02 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: FBT0 update
Date: Sun, 15 Jan 95 21:35:35 EST5EDT
Message-Id: <1995Jan15.213535.7034@wb3ffv.ampr.org>

There was a bit of discussion recently about FBT0 (From Beverage To Oscar), which is a computerized data base of ham radio articles. Please forgive me for cross-posting this to both r.r.a.homebrew and r.r.a.misc; I don't remember where the original discussion was. (Also posted to qrp-1@netcom.com; many of the people on that list do not have access to USENET but might find this of interest.) I talked with the author today (Rich Rosen, K2RR), and got an update on its status (the data base hasn't been updated for a few years).

For the uninitiated, FBT0 is an incredibly useful bibliography program--it allows you to search for articles on a particular subject in the major ham magazines. As a homebrewer I find it quite useful, especially since I have QST back to 1960 and every issue of Ham Radio

ever published, as well as access to QST back to the 20's and every issue of CQ and 73.

Being a computerized data base, FBT0 is inherently superior to any annual index ever published in any magazine, and even superior to the 5 year cumulative indexes that Ham Radio published. You can do a single, quick search on any particular phrase you want (using the list of words and abbreviations that are used in the data base); it searches out all articles with that phrase in the description field, regardless of magazine, and regardless of year. (Just try finding every article ever printed in CQ, QST, Ham Radio, 73 and RadComm on some topic, such as crystal oscillators, by sitting down with a three foot high stack of December issues and digging thru all those annual indexes!)

One thing which makes it exceptionally useful is the extensive cross-indexing. Many times I've searched for info on things such as attenuators, crystal oscillators, VFOs, etc, and when I went to look at the references FBT0 gave me I would find that they were sometimes articles which happened to contain those things but did not mention them in the title. For instance, an article with a title about 2M "fox hunting" might contain a circuit for an attenuator--if you were just looking at annual indexes, you'd never think of looking at an article about hidden transmitter hunting!

The version of the program that I have access to at a local ham store is 2.0, and Rich said the current version is 2.01. (The store has a ham radio library, open to all, with a massive collection of back issues of the major magazines and a number of related books, and has a computer with FBT0 on it.) As I recall from a previous conversation with Rich, the differences between 2.0 and 2.01 were minor and it did not contain an updated data base. The latest program covers articles through December 1990. He indicated that the update he is currently working on will push the cutoff date up to December 1994, and the additional entries will cover only the major ham magazines--QST, CQ, 73 and RadCom (journal of the RSGB in the UK). He wasn't sure if he would add Communications Quarterly (the successor to Ham Radio), but I told him that would be a very good idea.

He will also be changing the basic search program somewhat. He has had feedback from users (including me) about some minor improvements that could be made. As for sales, it continues to move along--he indicated that somewhat over 1700 copies have been sold, although he believes there are considerably more copies in use. He is considering some sort of anti-copy protection for the future, to protect his interests; after all, this IS a major effort and consumes a tremendous amount of his free time. We discussed the use of

hardware protection keys ("dongles"), something that I see at work all the time on the expensive engineering programs we use. He may go that route if the added cost is minimal. (An advantage of that method is that you can easily make backup copies of a program for safety but only the person having the hardware key can run it.)

Rich also said he might make yearly updates to FBT0 available at low cost to registered owners.

I've had access to FBT0 for several years now. It's been a love-hate relationship due to some of the quirks (which are admittedly minor), but for the most part it's "love", and I've found it to be incredibly useful and well worth the money. (Actually, it wasn't my money at all since I use the program at the ham store on their computer, but when the updated version comes out I'm going to finally break down and get a copy for home--and it WILL be worth the money!)

Disclaimer--I have absolutely no connection with K2RR or FBT0 except for being a satisfied customer and occasional pain in the neck about suggested improvements.

73 DE WA8MCQ --

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Mon Jan 16 00:19:56 1995
Date: Sun, 15 Jan 1995 23:24:28 -0330
Message-Id: <199501160254.XAA18785@public.compusult.nf.ca>
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: Fireside Sprint

QRP-L gang: The only station I heard on 20 meters on the ARCI SSB Fireside Sprint was Byron WA8LCZ calling CQ and no I tried but couldn't work him - maybe next time Byron. Boy I am sure glad I know CW - I keep forgetting how much I'm missing not being on 20 meter ssb on a weekend - sounds like the 75 meters ragchewers with 2KW talking crosstown to thier buddies. Oh well, I'm not jealous - after working over 280 countries with my BIG station (IC-765, 75 foot high 6 el KT34XA and my highly modified SB220 I decided that life has to be simpler. And I really don't miss 20 meter phone...

Now if I can just get some time to finish all these projects...

72 Bob VO1DRB/WA6ERB

From owner-qrp-l@netcom.com Sat Jan 14 22:57:44 1995

Date: Sat, 14 Jan 95 19:00:36 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9501150100.AA26019@chuck.dallas.sgi.com>
Subject: Fox Tally Sheet

January 14, 1995

Gang,

Here here is the tally so far.

The FOX: (in order of stations worked so far)

Stan Golstein	N6ULU	14 + 20 worked	(FINAL)	34
Chuck	K5FO	3 + 13 worked	(FINAL)	20
Clay	N4AOX	7 + 5 worked	(FINAL)	12
Bob	N2IPY	4 + 6 worked	(FINAL)	10
Monte	KU7Y	17 worked		
Pete	WA3NNA	16 worked		
Mark	KA7ULD	9 worked		
Bob	KI0G	8 worked		
Paul	WB8ZJL	8 worked		
Craig	WB3GCK	4 worked		
Dave	N9UXU	3 worked		
Ted	KF8EE	1 worked		

Hunters and their successes:

	HUNTER	WORKED
8	K5UP Glen	N2IPY N6ULU N4AOX WA3NNA N2IPY KU7Y KA7YLD N4AOX
7	NN9K Pete	N4AOX WA3NNA WB3GCK N6ULU N2IPY KU7Y K5FO
6	N4AOX Clay	N2IPY N6ULU KI0G WA3NNA N6ULU N2IPY
5	AB4EL Steve	N6ULU N6ULU KU7Y KA7ULD K5FO
4	AB5OU Tim	N6ULU N4AOX KI0G KA7ULD KU7Y
4	KC5EQC Gordy	N4AOX KU7Y KA7ULD N4AOX
3	WW7Y Steve	KI0G N6ULU KU7Y
3	WB4OWL Chas	N9UXU KU7Y KA7ULD
3	N6ULU Stan	N2IPY KU7Y K5FO
3	NA5K	KU7Y KA7ULD K5FO
2	KF8EE Ted	N2IPY N6ULU
2	V01DRB Bob	N2IPY WB3BCK
2	K5YUT Jim	WA3NNA N6ULU
2	W5TFB Jack	N6ULU N6ULU
2	WB4ZKA Mike	N6ULU N2IPY
2	WA6HHQ	N6ULU KU7Y
2	K06CL	N9UXU KA7ULD
2	KK6MC	N2IPY N4AOX

2	AB5WB		KA7ULD	N4AOX
2	W5TB	Doc	WA3NNA	N6ULU
1	WA4NID	Dave	K5FO	
1	KB9ICC	Mark	KF8EE	
1	W1HUE	Larry	N6ULU	
1	K8BVJ	Bing	N6ULU	
1	W3PM	Gene	N6ULU	
1	WB2SXN	Bing	N6ULU	
1	N1IRZ	Dave	N6ULU	
1	AC4QX	Red	N6ULU	
1	W2RXG	Bob	N6ULU	
1	AD4TK		WB3GCK	
1	W5YM		K5FO	
1	N5ODV	John	K5FO	
1	NM1J	Scott	N4AOX	
1	N3PFF	John	N4AOX	
1	N9OUH	Paulette	N4AOX	
1	KM6WT	Mont	N9UXU	
1	K9MWM	Bob	KI0G	
1	K06KA		KI0G	
1	W0DSW	Dick	KI0G	
1	KD6ZMT	Loyd	KI0G	
1	WB4TPW	Roger	KI0G	
1	N1NTQ	Steve	WB8ZJL	
1	VE3CHK	Arnie	WB8ZJL	
1	KB2SEM		WB8ZJL	
1	K0HUU	Don	WB8ZJL	
1	WA3PTY	Al	WB8ZJL	
1	NG9Q	Chas	WB8ZJL	
1	WB2PPQ	Greg	WB8ZJL	
1	WA3GYW	Francis	WB8ZJL	
1	W3GOI		WA3NNA	
1	W4HFU		WA3NNA	
1	WB3GCK		WA3NNA	
1	NZ4I		WA3NNA	
1	K5FO	Chuck	WA3NNA	
1	NR3Z		WA3NNA	
1	N2CX		WA3NNA	
1	WB2LJG		WA3NNA	
1	K6QQ		WA3NNA	KU7Y
1	KE400W		WA3NNA	
1	WA4NID		WA3NNA	
1	KB7ZNE		N6ULU	
1	W5GLO	John	N6ULU	
1	KI0G		N6ULU	
1	WA3NNA		N6ULU	
1	KU7Y		N6ULU	
1	KI6SN		N6ULU	

1	N8ET	Bill	N6ULU
1	AC4HF	Jeff	N6ULU
1	W8HFJ		N6ULU
1	N1QPR		N6ULU
1	K9YII		N6ULU
1	KB0LMQ		KU7Y
1	N0ZYK		KU7Y
1	VE6GK		KU7Y
1	KE4PC		KU7Y
1	KK6ZC		KU7Y
1	WB0GIX		KU7Y
1	N7AFB		KU7Y
1	AA7AR		KA7ULD
1	W2UKO		K5FO
1	WJ6Q		K5FO
1	AA1IT		K5FO
1	KM4GO		K5FO
1	N4ELM		K5FO
1	KD3AO		K5FO
1	AD4ZE		K5FO
1	KC2DU		K5FO
1	W2DYY		K5FO
1	AB5QE		N4AOX

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Mon Jan 16 01:18:54 1995
 From: RAINS@NKU.EDU
 Date: Sun, 15 Jan 1995 21:48:14 -0400 (EDT)
 Subject: FTP Sites
 Message-Id: <01HLW2G52RXE950CT4@NKU.EDU>

Hello all, name here is Justin. I was wondering if anyone knows of any ham radio related FTP sites. I am sort of ner to FTP, and I want to play around using it to familiariza myself with it. Thanks in advance.

de AA9KM
 Justin

PS---> Any locations of QRP related things are GREATLY appreciated!!

From owner-qrp-1@netcom.com Sat Jan 14 02:39:49 1995

From: rohrwerk@holonet.net
Date: Fri, 13 Jan 1995 22:08:11 -0800
Message-Id: <199501140608.WAA20574@holonet.net>
Subject: Ham Calculation prgm. for

On 01-11-95 pepperb@gov.on.ca wrote to qrp-l@netcom.com:

> OK, I noted a little nugget in a display box of the Jan. QST. I told
> me of a program called Hamcalc9 - which like it says does calculations
> for hams.
>

Nice little help.

Boy, the work we used to do in BASIC! For such calculations, I have been evolving an Excel spreadsheet for functions I have needed so far -- toroids, P-P voltages related to RMS related to dBm at 50 ohms, etc., etc.

The most fun one to enter was the more sophisticated inductance calculation formula found in QST a while back; boy, fun to enter all those nested functions.
..

: John Seboldt rohrwerk@holonet.net / I am Bach of Borg...
: Amateur radio K0JD... / your style will be
: Church of the Annunciation, / assimilated.
: Minneapolis /

-> Alice4Mac 2.3 E QWK Eval:05Mar94

From owner-qrp-l@netcom.com Sat Jan 14 05:04:13 1995
Date: Fri, 13 Jan 95 17:13:35 MST
From: torell@sicom.com
Message-Id: <9501140013.AA23753@sicom.com>
Subject: Help on homebrew 40-40

Gang;

I am almost done with my 'homebrew' 40-40. I modified the design as shown in QST Nov. 94. I use a 12 MHz IF (I had matched xtals) with a 5 MHz slug inductor tuned vco set up to tune over 120 KHz in around 6 turns. Most everything checks out with the transmitter putting out around 1 watt. The vco still needs temperature compensating, as I used 1000 pf silver micas until I can get the polystyrene ones. (It stays put as long as I keep it in a box!) My problem is with the crystal filter. I designed it using Hayward's article in may 82 qst, and checked it with some software written in basic. The design is a 3 pole butterworth at 600 Hz bw, with 1500 ohms input and 470 ohm output. I also checked it with 50 ohm terminations. The two shunt caps are 690 pf with the end caps being 330 for 50 ohm, 120 for 470 ohm, and 68 for 1500. In the circuit, the 3 db bw appears to be 350 hz, and the insertion loss around 30 dB. The insertion loss was estimated by shorting out the filter, directly

connecting the two NE602's. Am I fooling myself with this filter? It seems reasonable..... Measured xtal parameters were $R_s = 6$ ohms, with bw in the test fixture of 2700 Hz. I calculate a motational capacitance around 25 fF. I'm going to relax over the weekend, and check in on Monday! Any advice is shurely appreciated.

My new goal is to get this thing to work before the fox hunt is over!

Kent Torell KJ7EY torell@sicom.com

From owner-qrp-l@netcom.com Sat Jan 14 03:08:39 1995
From: JimN00CT@aol.com
Date: Fri, 13 Jan 1995 19:06:09 -0500
Message-Id: <950113190608_145152@aol.com>
Subject: Keys and Keyers

Hi y;all

I use a Bencher, have not had the pleasure of using others. One thing I did to improve my handling of the paddles was to extend the thumb piece with a clothespin (The N00CT Thumb Crutch, as written up in the SLQS "Peanut Whistle" monthly).

If you look at your hand (no fair looking at someone else's!), you'll see the thumb is placed behind the fingers. If you put the clothes pin on the thumb paddle, you won't have to scrunch up your hand to send. It has allowed my to send faster and more accurately, AND switch from right- to left-handed sending

From owner-qrp-l@netcom.com Sun Jan 15 01:51:08 1995
Date: Sat, 14 Jan 1995 11:38:02 -1000
Message-Id: <199501142138.LAA07952@mango.aloha.com>
From: beltrani@aloha.com (Paul Beltrani)
Subject: Re: Keys and Keyers

>I use a Bencher, have not had the pleasure of using others. One thing I did
>to improve my handling of the paddles was to extend the thumb piece with a
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Interesting idea. For what its worth, I just turn the key about 45 deg so my wrist is straight and my fingers move in more of a "towards and away from" motion than "side to side".

- Paul Beltrani

beltrani@aloha.com
n2kzz@nh6yw.hi.usa.oc Amateur Radio Packet

From owner-qrp-l@netcom.com Sun Jan 15 02:07:16 1995
Date: Sat, 14 Jan 1995 11:43:38 -1000
Message-Id: <199501142143.LAA08155@mango.aloha.com>
From: beltrani@aloha.com (Paul Beltrani)
Subject: Re: Keys and Keyers

>I use a Bencher, have not had the pleasure of using others. One thing I did
>to improve my handling of the paddles was to extend the thumb piece with a
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- Paul Beltrani

beltrani@aloha.com
n2kzz@nh6yw.hi.usa.oc Amateur Radio Packet

From owner-qrp-l@netcom.com Sun Jan 15 14:54:46 1995
Date: Sun, 15 Jan 1995 10:13:27 -0800 (PST)
From: H Smith <hbs@crl.com>
Subject: Re: Keys and Keyers
Message-Id: <Pine.SUN.3.91.950115100116.419C-100000@crl7.crl.com>

On Sat, 14 Jan 1995, Paul Beltrani wrote:

> Interesting idea. For what its worth, I just turn the key about 45 deg so
> my wrist is straight and my fingers move in more of a "towards and away from"
> motion than "side to side".

>

> - Paul Beltrani

Very natural.

If you are right-handed, for example, you place the paddles on your right.

Now, extend your right hand out to the right. Place your thumb and fore

finger in position as if you were about to grab a set of paddles. Notice that your thumb and fore finger are about even now. :-)

I love my Vibroplex paddle. I use it in the car on the console. My arm drapes over the console and my hand is comfortably placed right on the paddle.

This week-end we packed up the Suburban and headed to Austin to visit my daughter. I moved the TS-50 (with the 5 watt mod) from the Cherokee into the Suburban. I thought it would be fun to work some 20 meter mobile qrp.

About 15 minutes into the trip I tried the keyer but no dahs, plenty of dits, but absolutely no dahs. Turned around, went back home and took the "el cheapo" MFJ keyer apart. Found a cold solder joint and fixed it.

The trip was delayed 30 minutes or more but it was worth it, I had some great mobile cw qrp rag chews all the way down I35.

I love CW, just ask my wife.

CUL,

Smitty NA5K/m

Henry Smith (hbs@crl.com)

From owner-qrp-l@netcom.com Sun Jan 15 21:09:24 1995

From: Byron8LCZ@aol.com

Date: Sun, 15 Jan 1995 19:03:01 -0500

Message-Id: <950115190259_2153987@aol.com>

Subject: Re: Keys and Keyers

I made a new set of paddles out of some plexiglass, that I bought at the hardware store for 1 buck. they also have brass screws for 10 cents each. must have almost a buck and a half in it by now. But it made a big difference in the look and feel of the key.

I used 3/16" thick clear plexiglass and cut them into a oval shape. My fingers work off the top front edges and the key fits anyones hand, so matter how large or small. I used steel wool to smooth the edges and corners. It looks very professional.

I tried a triangular shape but found oval to be the best shape.

72, Byron WA8LCZ

From owner-qrp-l@netcom.com Sat Jan 14 06:48:11 1995
From: K7YHA@aol.com
Date: Fri, 13 Jan 1995 17:41:10 -0500
Message-Id: <950113174102_8295300@aol.com>
Subject: Laptop For Sale

I have a Tandy 1500HD with 20 MB hard drive and 2400 BPS modem. for sale for \$400. Included is all the documentation that I received from Tandy plus a service manual and DC-to-DC converter to allow the laptop to run off of 12 DC (great for FD or portable work). Running DOS 6.2 and will leave the hard drive loaded with the amateur radio software. Also included is the 110VAC adaptor and a Tandy carrying case.

Call me at (717) 825-5395 AFTER 9PM EST M-F or anytime on the weekend.

71.9999999999 (I'm using a Pentium Processor)

rich

From owner-qrp-l@netcom.com Sun Jan 15 01:05:49 1995
Date: Sat, 14 Jan 1995 20:01:37 -0800 (PST)
From: John Dundas <ab6dg@netcom.com>
Subject: Re: Meetings in SoCal
Message-Id: <Pine.3.89.9501141954.A11319-01000000@netcom7>

On Wed, 11 Jan 1995, Clark Savage Turner WA3JPG wrote:

> > Well, now, we have Italian restaurants in Southern California too, you
> > know. And not everybody here runs 10 kw (most, perhaps, but not all).
> > So you could think about a qrp gathering down here sometime!
> >
> > 72/3 de John, AB6DG
> >
>
> Good point! We have quite a group down here, and could have a good
> meeting. How about TRW next month? Or pick another day, and we can
> find a convenient spot to have a gathering of QRP'ers down here.

Clark--I think the "after TRW" idea is a good one for a start--are you thinking January or February? Maybe Feb. is better--might stop raining by then! I believe there is a Coco's restaurant nearby--probably lots of others too--what time sounds good--10 or 10:30 a.m.? Pass the word!

72 de John AB6DG

>
> Anyone in Orange / San Diego / LA / Riverside counties that would like
> to have an informal get together in, say, Long Beach or something?
>
> 72 from Irvine,
>
> Clark
> WA3JPG
>

From owner-qrp-l@netcom.com Sat Jan 14 15:05:32 1995
Date: Sat, 14 Jan 1995 10:31:57 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
Subject: Re: MFJ Drift Mods
Message-Id: <Pine.SUN.3.90.950114101548.10959B-100000@nimbus>

Hi all,

I will be doing a test of my 9040 for the review that
Chuck is putting together. I will include drift data.

But I would like to share what I went through to fix the
drift in mine. (At least it seems to not drift now).

On 11 Aug 94 I called MFJ and talked with a tech named
Tom. He sent out the parts with a note from Brian Bishop.
I recieved the parts on the 23rd of Aug 94 free of any
charge.

On 11 Dec 94 I installed the new parts. Now the drift
seems to stop after about 5 min of warm up. This is
fine with me. I can remember some of the old vfo's I
have made in the past that never would stop!

Parts sent:

C1 8.2 pf disk (green)
C32 330 pf multilayer, marked 331 (blue)
C33 Same as C32
C34 .33 uf multilayer, marked 334 (blue)
C65 20 pf N470 disk cap (green)

My board is Rev 4 and C32-C33 were the polystyrene cap.
Sounds like Stan needs to check with Tom and Brian to
see what is going on.

After these changes you need to adjust L3 to obtain the

correct frequency reading on the dial.

I have also jumpered R27 to increase the af gain. Helps a bit. I have the radio on listing to W6BNC. It is across the room and the gain isn't full on.

Will be fun to compair this radio to the NC40a whenever I get one built!

73's, Ron

.....KU7Y.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From owner-qrp-l@netcom.com Sat Jan 14 20:55:02 1995
Date: Sat, 14 Jan 1995 21:25:17 -0330 (NST)
From: Robert Gobrick <bgobrick@random.ucsf.mun.ca>
Subject: Re: MFJ Drift Mods
Message-Id: <Pine.ULT.3.91.950114211632.1360B-1000000@random.ucsf.mun.ca>

Monte - now I am getting confused (don't worry it's only my confusion - hi). On the parts kit you got it sound like the revision they made from Rev 4 to Rev 5A. My problem is that the Rev 5A (and I suspect your parts are still not right). Did your C32 and C33 have a little black dot to indicate NPO? If not they may still be the monolythic caps in 5A which I believe are still a problem (see Colorado QRP Low Down #4 newsletter).

So I'd be curious if you still have drift. This is complicated since I am not sure myself if NPOs' are the right answer or maybe some other temperature coefficient is needed for the inductors that MFJ uses. If you go back and look at the history of this rig and the work that Rick Littlefield did in the old Ham Radio Magazine and CQ you see the use of NPO caps in this circuit - somewhere along the way things changed. Oh well please keep us posted Monte and yes I like my 9030.

By the way for all MFJ 90xx owners it's not a bad idea to join the MFJ 90's Radio Club, editor Joe Falcone AA8HV, 3000 Town Center, Suite 2370, Southfield Mich 48075 - he puts out a nice little newsletter and all he asks for fees is articles from the users. I've got a lot of info on the MFJ 90xx from these newsletters.

72 Bob V01DRB/WA6ERB

On Sat, 14 Jan 1995, Monte Stark wrote:

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>

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> Chuck is putting together. I will include drift data.
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>KU7Y.....Monte "Ron" Stark.....
>ku7y@sage.dri.edu.....Sun Valley, Nevada....
>ARRL.....NorCal #330.....NRA LIFE.....
>

From owner-qrp-l@netcom.com Sat Jan 14 21:47:08 1995
Date: Sat, 14 Jan 1995 21:11:08 -0330 (NST)
From: Robert Gobrick <bgobrick@random.ucs.mun.ca>

Subject: Re: MFJ Drift Mods

Message-Id: <Pine.ULT.3.91.950114204735.1360A-1000000@random.ucs.mun.ca>

Craig and MFJ90xx woners

I also have been working with Stan Kozlowitz AA5X0 (MFJ Service rep on Compuserve) on a 1800 Hz drift on the first half hour of startup on my Rev 5A (latest) MFJ-9030. Maybe the new Rev 5A boards have C32 and C33 as NPO type polystyrene (clear cylindrical with axial leads like NN1G uses in his 30-40, 40-40) but my rev 5A board has the "drifty" monolithic caps. I am close to solving my drift problem with MFJ now that Mike WB4ZKA and Craig WB3GCK have verified that these caps C32 and C33 are a problem.

Some comments on MFJ reps (and please I would prefer that this not be published in newsletters). Do a little "shopping" for MFJ support services. From what I hear Brian Bishop (MFJ tech) has been helpful in resolving this problem. Although I have had good working relationships with Stan at MFJ it has taken quite a few letters convincing him that a 1.8 KHz drift was NOT normal in modern simple rigs (NORCAL 40 or 40-40 as good good examples). Stan said that such a drift was normal and he would be happy if his Kenwood TS-820S (yes 820S) had a similar drift - geeez. Anyway I think some kind of NPO caps in this case will fix the problem. The history of this 5A board goes back to an article in the Colorado QRP Club newsletter The Low Down that had some correspondence with Rick Littlefield the designer who recognized the problem. It's just unfortunate that this info doesn't get back to the production staff at MFJ and the service department. So as users please be vocal about engineering problems - it only helps the manufacturer fix the problem. And by the way I think the MFJ 90xx series are great units - Classics in every sense of the word (just look at the evolution of Rick's design over many years in the old Ham Radio Magazine and CQ).

I'll keep folks informed of my progress on my 9030.

72 Bob Vo1DRB/WA6ERB

> Craig WB3GCKO posted:

> > MFJ tech, Stan (AA5X0) sent me an email message saying that Rev 5A boards most
> likely include the mods. If C32 and C33 are polystyrene, the latest mods are
> in it. The polystyrene caps are clear and cylindrical with axial leads.

>

> Stan also said that after 45 minutes to an hour, the rig should settle down and
> that this is typical of most rigs, except digitally synthesized rigs. Maybe
> so, but it sure is frustrating for people to have to chase after you up
> the band while you're warming up. :-) Actually, I think the stability on my
> 40-40 is better. All things considered, the 9040 is still a pretty good

> rig and has served me well.
>
> >

From owner-qrp-l@netcom.com Sun Jan 15 00:14:22 1995
Date: Sat, 14 Jan 1995 18:56:17 -0800 (PST)
From: Steven Wilson <randyw@crl.com>
Subject: Re: MFJ Drift Mods
Message-Id: <Pine.SUN.3.91.950114184956.29726A-100000@crl8.crl.com>

vfo drift fixes. almost any solid state vfo can be made stable by

- 1) change the caps to polystrene (they have a flat temp curve in the range we humans operate
- 2) do not use silver mica sometimes they drift, sometime they do not
- 3) do not use ceramic
- 4) there are different types of NP0, usually you do not need them atho the do help with the power iron cores slightly
- 5) use yellow or red cores. they are more temp stable than the red

check your power supply is it stable ? you should be able to build a home brew vfo that will not move more than 100 cycles in 24 hours

de stan ak0b
e-mail via randy@crl.com

From owner-qrp-l@netcom.com Sun Jan 15 05:20:09 1995
Date: Sat, 14 Jan 1995 23:48:51 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
Subject: Re: MFJ Drift Mods
Message-Id: <Pine.SUN.3.90.950114234012.15009C-100000@nimbus>

Hi Bob,

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So I opened the 9040, cut one trace, added one 1N914 and one push button switch and vola, a spotting switch!

Now I can zero beat the station I am calling.

Will continue with the drift issue after I put it on the service monitor at work next week.

73's, Ron

.....KU7Y.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From owner-qrp-1@netcom.com Sun Jan 15 11:18:47 1995
Date: Sun, 15 Jan 1995 10:13:11 -0500 (EST)
From: James Lyons <jlyons@CAM.ORG>
Subject: Re: MFJ Drift Mods
Message-Id: <Pine.SOL.3.91.950115100926.13115A-100000@ocean>

The kit I got from MFJ had the small blue caps WITHOUT black dots. My 9040 still drifts badly ... no figures ... measuring drift is SO time consuming. But each QSO I run out of travel on the RIT to stay on the other guy's frequency. I intend to get some NPO's and, perhaps, polystyrene's to see what they will do but if I procrastinate enough perhaps the definitive answer will appear here. Meantime I have the Sierra which doesn't have any drift problems!

Jim, VE2KN

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> >ARRL.....NorCal #330.....NRA LIFE.....
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>

From owner-qrp-1@netcom.com Sun Jan 15 12:42:40 1995
Date: Sun, 15 Jan 1995 12:45:09 -0330
Message-Id: <199501151615.MAA13824@public.compuserc.nf.ca>
From: rgobrick@public.compuserc.nf.ca (Robert J. Gobrick)
Subject: Re: MFJ Drift Mods

Monte - excellent MFJ Tid-bit. Can you let me (us) know exactly what you did and maybe we can get this item into Joe's MFJ's 90 newsletter and/or maybe Mike WA8MCQ may want to pick up for his Idea Exchange column in the QQ.

Thanks for a good idea - and yes I notice I really have to use my RIT during a contest since folks just don't get right on the money (maybe it's me - hi) especially when you are using selective IF and AF filtering. That reminds me I heard Ernie W8MVN on 7.043 just before the fox hunt last week and as usual he was Bombing thru here to Newfoundland. I called on freq - no answer. I then took a hint from one of the QRP-L net members here and called him off freq. Guess what still no contact - just goes to show.... ;-)

72 Bob VO1DRB/WA6ERB

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From owner-qrp-1@netcom.com Sun Jan 15 14:13:28 1995
Date: 15 Jan 95 12:57:20 EST
From: Craig LaBarge <74740.3166@compuserve.com>
Subject: MFJ Drift Mods
Message-Id: <950115175720_74740.3166_EHB63-1@CompuServe.COM>

Well, I popped open both my MFJs (9040 and 9030) and was kinda surprised at what I found.

The 9030 is a Rev 4 board and C32 & C33 are polystyrene. The 9040 is a Rev 5A board and C32 & C33 are the little blue caps (multi-layer?).

>From some of the other postings on the subject, it sounds like MFJ is sending out the little blue caps as the current fix. In light of what MFJ told be about the polystyrene caps being the latest, my head is starting to hurt!

73,

Confused and drifting in Pennsylvania (aka Craig, WB3GCK)

From owner-qrp-1@netcom.com Sun Jan 15 21:08:57 1995
From: Byron8LCZ@aol.com
Date: Sun, 15 Jan 1995 18:58:44 -0500
Message-Id: <950115185843_2153960@aol.com>
Subject: Re: MFJ Drift Mods

Sounds like a great mod to the MFJ's, how about a write up about it, so the rest of us could add a spot switch too ?

If you like, I could submit this mod to the MFJ club for publication in its newsletter, the Editor and I are in the same DX club here in Michigan. (Joe Falcone)

I have both the 20m & 40m MFJ rigs and am getting the NPO polystyrene caps to stabilize the VFO. I have also seen a mod to add a LCD readout to the MFJ for about 60 bucks.

72, Byron WA8LCZ

From owner-qrp-1@netcom.com Sun Jan 15 23:12:07 1995
From: JEVERHART@cayman.vf.ge.com

Date: Sun, 15 Jan 1995 20:47:34 -0500 (EST)
Message-Id: <950115204734.2201faaf@cayman.vf.ge.com>
Subject: Re: MFJ Drift Mods

Stan AK0B,

On Jan 14 you wrote:

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> 3) do not use ceramic
>
> 4) there are different types of NPO, usually you do not need them atho
> the do help with the power iron cores slightly
>
> 5) use yellow or red cores. they are more temp stable than the red
>
> check your power supply is it stable ? you should be able to build
> a home brew vfo that will not move more than 100 cycles in 24 hours
>
> de stan ak0b

At the risk of sounding like I'm flaming (I'm not :-) , I have a few
comments on your recommendations:

1) Maybe. Polystyrene caps do not "have a flat temp curve in the range we
humans operate." They have a linear negative temperature coefficient of
about 100 ppm (parts per million) per degree C. You don't generally want a
capacitor whose temperature coefficient changes with temperature unless you

can ensure unchanging temperature. If your inductor has a positive
temperature coefficient of about 100 ppm the two changes with temp will
cancel. (See item 5.) It may indeed be that the MFJ rigs have an inductor
like that. I have a 9040 with a REV 3 board and polystyrene capacitors that
shows little drift.

2) You bet, some silver micas are great, others drift almost unpredictably.
Save 'em for filters or other non-critical uses.

3) and 4) I disagree. NPOs are ceramic and are usually the best choice for
VFOs. Ceramics known to have non-NPO or unknown dielectric characteristics

are a definite no-no for VFOs. NPOs from reputable manufacturers (and some of the light blue jobs are excellent) have a temperature coefficient between plus and minus 30 ppm. This can match common toroid cores - see next item.

- 5) Yes, but be careful. Cores from different manufacturers do not always use the same color coding. Mike Czuhajewski pointed this out recently in the QRP Quarterly. You probably mean the commonly-used Micro-Metals cores available from Amidon and other distributors. Their red powdered iron cores (-2 mix) have a positive tempco of about 95 ppm. Their yellow cores (-6 mix) feature a positive 35 ppm tempco. Best of all are the light tan cores (-7). They feature a plus 30 ppm tempco, although they are not as available as the -2 and -6 flavors. The above tempcos hold for toroids. Slug tuned inductors have a variable tempco depending on the penetration of the tuning core. As it turns out, the MFJ rigs use a slug tuned VFO inductor :-).

Your observation on power supply stability is very astute. Good equipment design dictates using a voltage regulator for the VFO, particularly if you have RIT. And since there can be some VFO drift with changing voltage, be sure that the output of the regulator is stable with temperature.

In addition to my homebrewing pursuits, I designed some wide-temperature-range selective tone signalling components years ago and had to deal with the above considerations. NPOs almost always gave better results. And voltage regulation was important once the tuning components themselves were stabilized.

As an additional note of interest, the original Touch-Tone encoders and decoders from Ma Bell used polystyrene capacitors for tuning. They matched up with ferromagnetic pot core inductors that had a tempco exactly opposite that of the capacitors. Of course Bell Labs had the flexibility to design exactly the components they needed. We hobbyists have to settle for what we can buy from catalogs or scrounge!

72/73 and keep 'em stable.

Joe E. N2CX

From owner-qrp-l@netcom.com Sat Jan 14 20:27:52 1995
Date: Sat, 14 Jan 1995 19:15:28 -0500
Message-Id: <199501150015.TAA01495@detroit.freenet.org>
From: af514@detroit.freenet.org (Hank Kohl)
Subject: MI QRP Contest....

MI QRP Contest - Single Band / Single OP / Single Antenna - 40 M.

33 QSO's - about 2 hours

111 QSO Points

18 Mults

2997 points

If I could have used the old AEA CK-1 keyer to send RTTY, I would have had a few more points.

Call

area #

1 5

2 6

3 6

4 1

5 there weren't any

6 if there werent any 5's.....

7 see above

8 8

9 2

0 1

VE 2

HP1AC 1

Radio - HW-9 slightly modified

Elevated (16') HF2-V with 6 1/4 wave radials

36 AH battery

AEA CK-1 keyer

Brown Bros paddle (if any one that is available to be
relocated to a new home, for a modest
fee, let me know)

73 Hank K8DD

MI QRP v.p.

--

/*

/* email af514@detroit.freenet.org

/* call k8dd hank port huron, mi

/*

From owner-qrp-l@netcom.com Sat Jan 14 20:34:37 1995

Date: Sat, 14 Jan 1995 16:33:47 -0700 (MST)

From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>

Subject: Mini UK model?Re: Keys and Keyers

Message-Id: <Pine.SUN.3.91.950114162933.3024A-100000@ume>

At a qrp builder's qth today (left with most of the parts for an epiphyte, left over from his own). He collects keys and was interested in the UK mini model from the UK (it was featured in Dec. 94 CQ) Looked small, well built and therefore suitable for backpacking etc.

Catch.....it came "engraved" with your call.....ie. expensive.....NO price was mentioned. Anybody use./seen one of these, how much?

Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
Email: zabrodsk@med.ucalgary.ca * NorCal 519 ARCI 7099 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276 * "Power is no substitute for skill"

From owner-qrp-l@netcom.com Sun Jan 15 17:12:03 1995
From: Byron8LCZ@aol.com
Date: Sun, 15 Jan 1995 15:45:32 -0500
Message-Id: <950115154524_1999321@aol.com>
Subject: More Audio

Hi Rob,

Unfortunately, most rigs audio sections are usually under rated (low power out) and built with inexpensive components that causes distortion, including the built-in speaker. I have found it necessary to use an external audio amp/speaker with all my radio gear including the Kenwood TS450. Otherwise, as you turn up the audio gain, the signal you hear is a mix of signal, distortion and noise. Most of the time this is done to keep the price down, but actually costs you more money and aggravation in the long run.

At first you dont realize what the problem is, it sounds like the signal is just not being received very well. When you use headphones the problem is minimized. I never turn up the audio gain on the Kenwood beyond 1/4 turn. The rest of the built in amplification is useless. On the Heil, I cant turn it up more then 1/2 turn, the rest is also full of distortion. If you can find the specs on this amps, you'll find they are usually rated at 10 per cent audio distortion. But on good quality AM/FM receivers, the specs are .01 or .001 percent distortion. Thats a Major difference.

You can build an audio amp, and use an external speaker/case or you could buy a commercial amplified speaker. Heil makes one with volumn, equalization controls, jacks for power or you can use 6 internal "C" batterys, It has a 4 inch speaker with a port facing the front. I have been using this speaker/amp for some time now. It still distorts when you crank it up high, but for most usuage it works fine. cost was high, but its audio is taylored for communicati ons frequencys. as i remember, it was about 80 dollars. Its lightweight and can be easily unplugged if you are worried about running down the batterys.

Many cheaper audio solutions involve a full audio spectrum amp, so you are forced to listen to high freq noise. The Heil was designed for SSB and CW use.

This is one area that can be fixed easily, even if you're not a techie. And is well worth the money spent, plus being external, you can use it on any/all of your rigs.

72, Byron WA8LCZ

From owner-qrp-l@netcom.com Sun Jan 15 19:56:16 1995

From: RobCap@aol.com

Date: Sun, 15 Jan 1995 17:26:23 -0500

Message-Id: <950115172621_2080289@aol.com>

Subject: Re: More Audio

Byron-

Thanks for the notes on more audio. One thing to keep in mind with many builders of the 40-30 and Norcal 40, is that they are looking for a solution that fits into a 4x4x2 enclosure. This has a practical value (portability, backpacking, Field Day, etc.). But it also has an aesthetic benefit: "how much stuff/features can I pack into a very small enclosure?"

The amp that I used is the size of a commemorative postage stamp, cost \$9.99, and can be built in five minutes. Big audio boost, but a little background hiss, and distortion at the high end.

But I really like little Swiss-Army-Knife homebrew radios. I like my little rigs to have built in amp, keyer, RIT, and sub-mini attenuator device, etc., all within the same enclosure. If there is room leftover for built in paddles, so much the better (hi).

If you are less concerned about size and weight, and rather are focusing on fixed station use, then you develop different solutions. These solutions probably work better, but there is a price, a tradeoff.

If you saw my QST articles on putting a complete station in a Fishing Tackle Box (Nov 94), and Walking Stick Vertical antenna (Dec 94) and consider my article coming out in QST this spring on Solar Power (May 95), you will see that I am definitely on the lunatic fringe of keeping things small/portable.

Thanks again for the note, and for the helpful ideas/insights on high performance audio gain.

72,

Rob, WA3ULH

From owner-qrp-l@netcom.com Sat Jan 14 23:12:49 1995

From: RobCap@aol.com

Date: Sat, 14 Jan 1995 22:06:38 -0500
Message-Id: <950114220636_1450013@aol.com>
Subject: More audio for the 40-40, 40-30

Have been having a lot of fun DX'ing with my 40-30. The rig fits neatly into a 4x4x2 enclosure, and features on/off switch, LED lamp, and internal keyer.

One of the only drawbacks of the rig is that the audio is uncomfortably light for me. Dave Benson did a super job designing the 40-40, and undoubtedly was concerned about real estate, parts count, cost, and current drain.

However, I wanted a little more punch in my audio. So I picked up the Radio Shack "Power Amplifier" kit (#28-4031), available at Radio Shack for only \$9.99. (I am not a stockholder in Tandy).

The board on the amplifier kit is literally the size of a commemorative postage stamp, and can be assembled in 5 minutes. It has about 10 components.

The kit comes in two ranges, 26 dB or 46 dB of gain.

The amplifier works like a champ, and my 40-30 will now easily drive a small speaker that can be heard throughout the room (& house), or with the headphones with the volume turned down. I tried both ranges, and found it works better for me at 26 dB.

Two cautions. The 40-30 (and 40-40) does not have an AGC, so loud stations can hurt your ears. Another factor is that the rig draws more current with the amplifier turned on, especially when tuning through loud stations. For these two reasons, it might be helpful to install a switch to turn the amplifier on and off as an option. That'll be my next project.

This little amplifier kit might be just the ticket for anyone looking for a little more audio for their favorite QRP kit.

72 & 73,

Rob, WA3ULH

From owner-qrp-l@netcom.com Sat Jan 14 05:08:52 1995
Subject: More Tidbits on Novice Ro
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.6952.500@acenet.com>
Date: Fri, 13 Jan 1995 16:22:00 -0500

>From: brian.carling@acenet.com

Warren L. (saswel@unx.sas.com) writes:

More Tidbits on Novice Roundup

WEL>Gang,

WEL> Looks like we are not the only folks that are discouraged that NR
WEL>is going by the wayside.

WEL> cheers - Warren

WEL>These came from the cq-contest reflector.

Warren & the group: I'm shocked -

1) That Novice Roundup is dropped during a time when we have just had the greatest influx into ham radio in history. I suppose that the ARRL and FCC will soon decide to ddrop the HF novice CW bands altogether and make these novice non-CW, digital-only or novice SSB-only sub-bands. What a shame!

2) The article in QST was written so badly I could not tell WHAT it was saying! It sounded like from the TITLE that NR was being dropped, but then the article itself said nothing about that! All it did was trumpet how GREAT NR had been. If it was so great, they should not drop it.

How dumb can they get? Dumb and dumber!

~ SLMR 2.1a ~ brian.carling@acenet.com

From owner-qrp-l@netcom.com Sat Jan 14 13:51:50 1995

From: ab4el@cybernetics.net (Stephen Modena)

Message-Id: <9501141647.AA24336@cybernetics.net>

Subject: Re: More Tidbits on Novice Ro

Date: Sat, 14 Jan 1995 11:47:32 -0500 (EST)

Brian--

>

> Warren & the group: I'm shocked -

I'll bet this will be crocodile tears.

>

> 1) That Novice Roundup is dropped during a time when we have just had
> the greatest influx into ham radio in history.

Maybe you're shocked because you are using an incomplete set of facts.
That great influx has been weighted to No-Code Tech...who CANNOT operate

in the Novice RoundUp.

When the Novice Round up was still a relatively new event (and I was a Novice in the '50s), Novices were licensed for one year and then it was UPGRADE or drop out of ham radio. There was no second time around. So you had *one* opportunity to operate the NR *as* a Novice.

How long can a person be a Novice today? Forever. :^) Get it? Novice forever...something like an oxymoron.

>I suppose that the
> ARRL and FCC will soon decide to drop the HF novice CW bands altogether
> and make these novice non-CW, digital-only or novice SSB-only
> sub-bands. What a shame!

I can think of no reason to keep the Novice segments as wide as they are...the activity in them doesn't justify it. The exception might be the 10 M Novice segment...but that's not where you are coming from...

It never occurred to me that there was a connection between the dissolution of NR and revoking the Novice Subbands. The disbandment of NR makes perfect sense: page 126 of QST "There were fewer than 60 Novice entries in each of the last *four* years." Sounds to me like they should issue special certificates for logs submitted this year...and then bury the contest permanently. The NOVICES certainly aren't interested. :^) How many Novice licensees are there? Perhaps 100,000? 60 entries...is that to be thought of as energetic participation? :^) Only to certain kinds of thinkers.

> 2) The article in QST was written so badly I could not tell WHAT it was
> saying!

Just to be sure, I decided to reread before commenting. No, there was no article. Yes, Dave K1ZZ devoted his Editorial to it. Difficult to understand? Not for me. Sounds like nostalgic ramblings. Very lucid, to me.

> It sounded like from the TITLE that NR was being dropped, but
> then the article itself said nothing about that!

You've really got me scratching my head: "The announcement of this year's event, on page 126, closes with the observation that the 44th NR probably will be the last."

That seems quite clear to me...and the CLOSING paragraph (that is, for the residents of Rio Linda: the *last* paragraph) on page 126

begins with this sentence: "This will probably be the last running of the Novice Roundup."

I.e., QED

> All it did was trumpet
> how GREAT NR had been. If it was so great, they should not drop it.

At this point, I'm wondering just why you are so agitated?

> How dumb can they get? Dumb and dumber!

Well, you said it, not me. :^)

> ---

> ~ SLMR 2.1a ~ brian.carling@acenet.com

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-1@netcom.com Sun Jan 15 16:04:12 1995

Date: Sun, 15 Jan 1995 11:55:13 -0700 (MST)

From: "James P. Rybak" <jrybak@mesa5.mesa.colorado.edu>

Subject: MOSFETS and Static Damage

Message-Id: <Pine.3.89.9501151157.B26323-01000000@mesa5.mesa.colorado.edu>

I understand that some MOSFETs have built in static electricity protection and others don't. Would someone please tell me which MOSFETs are particularly vulnerable to static damage?

As an example of my concern, some time ago I received some 40673's in a poly bag without any anti-static foam. Was it risky for whomever it was to ship them to me like this?

Thanks.

Jim W0KSD

From owner-qrp-1@netcom.com Sat Jan 14 14:17:34 1995

Date: 14 Jan 95 12:44:15 EST

From: Craig LaBarge <74740.3166@compuserve.com>

Subject: NEN QRP Net??

Message-Id: <950114174415_74740.3166_EHB179-1@CompuServe.COM>

Has anybody heard the NEN QRP Net on Saturday mornings (8 AM EST on 7.040) lately? I was checking in regularly for a while, but haven't heard anything for the past month or so.

I suspect it might just be the early morning propagation on 40 M.

73, Craig WB3GCK

From owner-qrp-l@netcom.com Sat Jan 14 20:23:43 1995
From: Byron8LCZ@aol.com
Date: Sat, 14 Jan 1995 18:33:11 -0500
Message-Id: <950114183310_1258336@aol.com>
Subject: North-West QRP cw 'test

Just finished the North-West QRP contest. Band conditions were not the best. 80m was QRN-Ville, 40m was QRM-Ville with a NA contest going on, no room for QRP 'test. 20m was the only band that had any activity in the Detroit area.

I worked VE7ASZ BC, K6EHA CA, KF7MD CO, N7MFB BILL WA, WG7G WA, K6RPN CA, KG7ME STAN WA and HP1AC in Panama City. Plus a few others around the country. Most were just barely above the noise.

The only 569 or above sig reports I gave out, went to QRO ops.
Total body count is 17 contacts, of which 10 were NW members. 12 s/p/c's
Where were all your guys, building more kits ?

I didnt hear the usual bunch from New England and only worked 1 Fla and 1 Tex station. I hope tomorrows SSB contest gets more activity.

How did the rest of you guys do in the 'test ? Was Detroit in a propagation slump or what ?

72, Byron WA8LCZ

From owner-qrp-l@netcom.com Mon Jan 16 00:44:40 1995
Subject: North-West QRP cw 'test
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.7185.500@acenet.com>
Date: Sun, 15 Jan 1995 22:10:00 -0500

>From: brian.carling@acenet.com

Byron, N8LCZ writes:

BY>Just finished the North-West QRP contest. Band conditions were not the best.
BY>80m was QRN-Ville, 40m was QRM-Ville with a NA contest going on, no room for
BY>QRP 'test. 20m was the only band that had any activity in the Detroit area.

BY>How did the rest of you guys do in the 'test ?

BY>72, Byron WA8LCZ

Hello Byron. I tried a bit. Activity level was low I think.
The NA contest wiped everything out after the first 1/2 hour here.

I ran 5 watts with a TS430s turned down, into a bent 40m dipole up
6 feet high (yes!)

I started at 1830 UTC on 40 meters (7039)
I worked N8FU (3 watts), WT8P (QRO), then didn't hear any more QRP'ers
so I joined the fray on the N.A. contest. It was fun.

The real kicker was on 30 meters at 0208 this morning when I got
ZP6CW in Paraguay. Amazing since some have been saying that 30 meters is
no good after dark, he he! I gave him RST 559. He gave me 339.
Good enough. Oh - I was QRO with 100 watts for the ZP6 contact!

72 de AF4K
brian.carling@acenet.com

~ SLMR 2.1a ~ All that is not eternal is eternally out of date. CSLewis

From owner-qrp-l@netcom.com Sat Jan 14 06:27:25 1995
Subject: Ocean State Info
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.6956.500@acenet.com>
Date: Fri, 13 Jan 1995 16:22:00 -0500

>From: brian.carling@acenet.com

BB>I just found out that Ocean State Electronics is closing the doors.

BB>Bob N1PWU Bob.berlyn@Chowda.com

A pity he wouldn't sell the business to you!
Thanks for the info. I will delete them from MEGALIST.
Try to find the file MEGALIST.TXT in your area. It lists
hundreds of suppliers of parts & kits etc. If you can't find it let me
know & I'll E-mail you a copy.

~ SLMR 2.1a ~ brian.carling@acenet.com

From owner-qrp-l@netcom.com Sun Jan 15 13:18:35 1995
From: JEVERHART@cayman.vf.ge.com

Date: Sun, 15 Jan 1995 12:01:34 -0500 (EST)
Message-Id: <950115120134.2201992c@cayman.vf.ge.com>
Subject: Re: OK now what?

Earlier this week I sent messages with the noted title.

Well, how about a re-cap.

Thanks to all those who replied to my anguished (or was that ambushed) comments. I did get unsubscribed along with everyone else around Christmas. I re-subscribed within a day and all went well until last week. I noticed at that time that I was not getting the normal traffic flow from qrp-l, although privately addressed mail got thru.

Using "who-qrp-l" found that I was no longer on the list. I re-subscribed and got a few messages, but within an hour or so the flow once more ended. Again using "Who qrp-l" I determined that again my address was missing. Another re-subscribe got me back and there have been no problems since.

We all owe a debt of gratitude to Mike N1ST who does got us a new home and to the netcom folks who allow us to inhabit their cyberspace.

I checked with the local computer system and network folks who denied any knowledge of any e-mail being bounced that would cause netcom to unsubscribe me. They didn't say it didn't happen, just that if it did, they didn't know about it. I have other indications from that period telling me that there might have been local problems. For example the local mailer daemon telling me that messages were rejected to what I knew were valid addresses. The messages got thru anyway.

Major, major crow eating is due me and thanks to Mike Czuhajewski for pointing it out. In an earlier epistle, I said that

who qrp-l

which

and

help

should be addressed to masterdomo@netcom.com. WRONG!
What could I have been thinking? They should be addressed to

listserv@netcom.com

or

majordomo@netcom.com

I am terribly ashamed of myself for promulgating such flagrantly bad info. Consider me severely chastised and beaten soundly with a few megabytes! I have no good excuse except to say that I'm my own worst proofreader. I do check things before I send them but many mistakes still get through :-). And to think that folks at work get me to proofread their stuff 'cause I catch so many errors!

Carpenters say "measure twice and cut once". I guess i gotta proofread three times and e-mail once.

72/73,

Joe E. N2CX

From owner-qrp-l@netcom.com Sat Jan 14 11:05:58 1995
Date: Sat, 14 Jan 1995 09:54:54 -0500 (EST)
From: CEBIK@utkvx.utk.edu
Subject: Paddles and laptop QRP
Message-Id: <01HLTZ8B1EPA8Y9R0Z@utkvx.utk.edu>

I hope I did not leave a misimpression when I suggested changing the subject line to laptop QRP. I intended that change only to separate the laptop discussion from the paddle discussion. I didn't mean to cut off either, since I find both fascinating. So please, everyone, carry on both discussions--just under different subject notations so readers know what's coming. To anyone who misunderstood, my apologies.

-73-

LB, W4RNL
cevik@utkvx.utk.edu

From owner-qrp-l@netcom.com Sat Jan 14 14:11:20 1995
From: RobCap@aol.com
Date: Sat, 14 Jan 1995 12:42:52 -0500
Message-Id: <950114124240_980652@aol.com>
Subject: Re: Paddles-Paddles-Paddles

Peter:

Thanks for your note. I purchased the G4ZPY miniature paddles directly from G4ZPY in England by telephone. I'm not aware of another source. Dave Ingram makes brochures available, but does not handle sales, to my knowledge.

Their telephone number is: 011-44-704-894299.

The key is a masterpiece, but it's expensive. The cost is 72 pounds

sterling, plus about another 5 pounds or so for shipping. At 77 pounds, and the pound trading over 1.5 to the dollar, that's well over \$110.

The key arrived two weeks after my telephone order. Allow an additional two weeks, if you want your call sign engraved on it.

G4ZPY also has a nice product line of bigger paddles for base station use.

I've used their VHS (very high speed) paddles, which is very nice. But my favorite key for home use is the Vibroplex Iambic, deluxe edition. Since I got my ticket 22 years ago, I've always thought of Vibroplex as the premier key company.

Thanks again for the note.

72 & 73,

Rob, WA3ULH

From owner-qrp-l@netcom.com Sat Jan 14 20:10:43 1995
Date: Sat, 14 Jan 1995 16:44:08 -0700 (MST)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Re: Paddles-Paddles-Paddles
Message-Id: <Pine.SUN.3.91.950114164133.3024D-100000@ume>

read your message just after I posted my enquiry.
is very nice, nice enough to justify \$100+ (thats 150+ loonies up here)?
Would you take it along back packing or on a trip, or is it to "delicate"
Does it move around? How heavy is it?

Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
Email: zabrodsk@med.ucalgary.ca * NorCal 519 ARCI 7099 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276 * "Power is no substitute for skill"

From owner-qrp-l@netcom.com Sat Jan 14 22:53:59 1995
Date: Sat, 14 Jan 95 20:43:26 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9501150243.AA26171@chuck.dallas.sgi.com>
Subject: Publishing Permissions

Gang,

Just a little reminder triggered by Robert Gobrick's last article(s)
on his chasing drift problems and he mentions that he doesn't want
to read his postings in a newsletter.

There is an unwritten 'netetique' that thou shalt not publish without written permission from the original author. I've had several things (well many) that I've done here wind up in newsletters. It is just common sense and common courtesy to ask the author in advance.

Things that come across the internet are NOT public domain. This is not a bulletin board and everything becomes available for public distribution immediately after it hits the internet. Unless otherwise noted, it is copyrighted material or should be treated as such. It is archived and time stamped, thus it will hold up in a court of law should someone take a lawyer after someone else for failure to obtain permission or not give credit where credit is due. Of course, mistakes happen, but let's not get carried away.

I know that Doug very carefully requests via email or phone call permission for same. If you want to give blanket permission or add note by all means do so. Just don't go overboard, cause I hate memorizing long signatures. :-)

We went through this 1.5 yrs ago and we've turned over a lot of people since then, so just a friendly reminder. Do unto others as you would have them do unto you. Golden Rule.

I know that the material that comes through the emailer gets redistributed world wide, that's OK. Just let the group and individuals know when it appears elsewhere without its history attached.

Thanks for your support.

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Sat Jan 14 19:48:10 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Ramsey transmitter info wanted'
Date: Sat, 14 Jan 95 18:00:51 EST5EDT
Message-Id: <1995Jan14.180051.29224@wb3ffv.ampr.org>

I'm writing up an article on a fix for a Ramsey QRP transmitter that I did for a friend. I'd like to include some ancillary comments, so I'd like to hear from people who have built the Ramsey QRP transmitter. Specifically, I would like to know what the values are for the pi net filter in the output, and what those values are for every band. In the 40 meter version which I worked on, they appear rather odd; in fact, a computer simulation on Touchstone shows that it has quite poor harmonic attenuation, which is confirmed by some Hewlett Packard spectrum

analyzer tests on it. I would like to know what the values are for the other bands so I can see if they used the same "unique" design criteria, and try to figure out what the criteria were, and simulate to see how the harmonic suppression is. I would also like to hear from anyone who has recently built the 40 meter kit, to see if the latest ones sold still use the same values. By the way, Mr. HP Analyzer shows that the harmonic suppression of this particular Ramsey TX was about 20 dB down at the second harmonic, and that was confirmed by two service monitors. (Hint: FCC requires at least 30 dB; while the manual with the kit clearly states that it meets FCC requirements, the three pieces of test equipment, costing a total of about \$40,000 together, all say that it quite clearly did not.) My fix was to add another filter (not merely replace the existing one), and it did the job nicely, thank you--took it down to a bit over 50 dB down at the second harmonic. 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Sat Jan 14 06:46:45 1995
Date: Fri, 13 Jan 95 15:21:17 PST
From: joe@expersoft.com (Joe Gervais)
Message-Id: <9501132321.AA18591@chomolangma.expersoft.com>
Subject: San Diego QRP Gathering

Hi All,

Not to short-circuit the SoCal QRP meeting, but several of us here in San Diego are planning to meet sometime in the near future. Perhaps we could lump the two together? Casual dinner, lots of chatter, and possibly even a slight chance of QRP "war stories". <g>

We figure if we do this in mid-February, maybe some of us will have the NorCal-40a kits to ogle at (sent my check two weeks ago, hope it ended up at the right place!).

So far we're looking at either Escondido (near border of San Diego and Riverside County) or Oceanside (near border of San Diego and Orange County), since these two sites would be decent middle ground for all involved.

From owner-qrp-l@netcom.com Sat Jan 14 04:28:04 1995
Message-Id: <199501140251.VAA03038@thor.INS.CWRU.Edu>
From: Stephen Trier <sct@po.cwrui.edu>
Date: 14 Jan 1995 02:51:18 GMT
Subject: Solar flux numbers on the net

A few days ago, someone asked about getting solar flux numbers on the Internet. I found this at the University of Lethbridge a year or two ago. At the time I didn't know what it was, but I stuck it into the campus gopher's "Weather" menu because it looked obscure enough for someone on campus to like it.

Three-hour Report, including "K" values:

```
finger solar@xi.uleth.ca
```

gopher:

```
Name=Three-hour Solar and Geophysical Report (U. of Lethbridge, Canada)
Type=0
Path=solar
Host=xi.uleth.ca
Port=79
```

URL:

```
gopher://xi.uleth.ca/0solar
```

They used to have a Daily report online, but I see that it has been replaced by a subscription service of some sort. For info, finger daily@xi.uleth.ca. I don't know anything more about it.

For aurora information, try this:

```
finger aurora@xi.uleth.ca
```

gopher:

```
Name=Auroral Activity (U. of Lethbridge, Canada)
Type=0
Path=aurora
Host=xi.uleth.ca
Port=79
```

URL:

```
gopher://xi.uleth.ca/0aurora
```

73,
Stephen

--

```
Stephen Trier          "If it sounds good, it is good."
sct@po.cwru.edu        - Duke Ellington
KG8IH
```

From owner-qrp-1@netcom.com Sat Jan 14 11:45:14 1995
Message-Id: <199501141501.KAA04038@thor.INS.CWRU.Edu>
From: Stephen Trier <sct@po.cwru.edu>
Date: 14 Jan 1995 15:01:33 GMT
Subject: Re: Solar flux numbers on the net

I made a mistake with the URLs. Use the following:

Three-hour solar report
gopher://xi.uleth.ca:79/0solar

Aurora report:
gopher://xi.uleth.ca:79/0aurora

Stephen

--

Stephen Trier "If it sounds good, it is good."
sct@po.cwru.edu - Duke Ellington
KG8IH

From owner-qrp-1@netcom.com Sat Jan 14 06:31:39 1995
Date: Fri, 13 Jan 1995 08:30:00 -0500
From: "david (d.) burniston" <davidgb@bnr.ca>
Message-Id: <"2725 Fri Jan 13 15:06:58 1995"@bnr.ca>
Subject: TEN TEK KITS

Hi...

Just received my order of kits - the keyer, DC receiver and the 4 band short wave receiver. I have a group of 12 teenagers building the short wave receivers as a project while working towards their amateur licence.

First impression is pretty good... manual looks good, boards are silkscreened (although not tin plated).

Will let you know how things work out...

... Dave

=====

Dave Burniston,
ph.(613) 765-3579
NORCAL 434

Bell Northern Research Ottawa, ON Canada
email: davidgb@bnr.ca

QRP - DOING MORE WITH LESS de VE3LFO/qrp

All opinions are my own and do not necessarily reflect the views of
my employer, co-workers or any other person, real or imaginary.

=====
From owner-qrp-l@netcom.com Sat Jan 14 21:53:52 1995
Date: Sat, 14 Jan 1995 17:12:03 -0500
Message-Id: <95011417120306@sescva.esc.edu>
From: pcalcand@sescva.esc.edu (PETER CALCANDY)
Subject: TEN TEK KITS T00!

Last week I just finished the CW/SSB D.C. receiver. Seems to work OK.
When I was finishing up the project, I wasn't paying attention and
wound up soldering the audio output to ground. Now I have to order another
audio amp IC. It just went Pfffffft.

I also just finished a speech processor for the Argo 509. Paid 9 bucks for
it and it works well. Im sure you'll be hearing me on the air looking
for someone to give me audio reports.

Their kits are rather easy, the parts are first quality and the manual
is like the old Heathkit manual.

Lastly, I ordered the parts and schematic for the model 208-a Notch/CW
filter. This used to be available for the Argo 509-515. They don't make
them anymore but Ten-Tec will sell you all the parts. Try calling
Icom or Kenwood with such a request.

Anyway, happy QRPing and I will look forward to working you in February
on the SSB Fox Hunt.

72 & 73

Peter N2KPY

From owner-qrp-l@netcom.com Sat Jan 14 23:32:20 1995
From: Egansen@aol.com
Date: Sat, 14 Jan 1995 19:21:04 -0500
Message-Id: <950114191921_1300219@aol.com>
Subject: Unsubscribe (Temporary)

unsubscribe qrp-l

From owner-qrp-l@netcom.com Sun Jan 15 21:31:57 1995
From: jeffrey@math.hawaii.edu
Date: Sun, 15 Jan 95 13:41:23 HST
Message-Id: <9501152341.AA02328@cruncher.math.hawaii.edu>
Subject: unusual xmtr problem

Gang,

Here's something perplexing. I've built the 40M VFO out of DeMaw's QRP Notebook. I'm letting the tank oscillator and buffer run continuously and only keying the amp stage. While on a dummy load I note a *drop* in S-meter reading when I key the amp. Both the osc and buffer use MPF-102 and the amp uses a 2N2222. I replaced the 2222 with another and noted the same drop in the S-meter. I've run two 2222's in parallel and still notice a drop. There is *no* voltage drop from the power supply when I key the amp so that's not the problem.

Any ideas?

Jeff NH6IL

From owner-qrp-l@netcom.com Sat Jan 14 22:53:35 1995
From: jeffrey@math.hawaii.edu
Date: Sat, 14 Jan 95 16:22:23 HST
Message-Id: <9501150222.AA02155@cruncher.math.hawaii.edu>
Subject: What we're up against...

The following conversation took place last month on one of the rec.radio.amateur newsgroups between Gary KE4ZV and myself. I posting it here to show what us QRP'ers/homebrewers are up against from some folks in the amateur community.

A bit of background: Gary is a *very* outspoken critic against: code and code testing (he can and does post a dozen or more articles per week with regard to this), incentive licensing, the ARRL/W1AW, speed limits on highways, police, and a dozen other things.

Notice he refers to homebuilt radios as 'toy radios'.

The following starts with myself encouraging someone to construct a CW transmitter rather than SSB as a first project:

gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>jeffrey@math.hawaii.edu writes:

>>gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>>>jeffrey@math.hawaii.edu writes:

>>>>The CW rig will certainly be easier (even if you use discrete
>>>>components - no fair snapping ICs into IC sockets and calling that
>>>>homebrew!) yet being able to 'work the world' with just a few
>>>>Watts output from something you've built from scratch has no
>>>>equal in pleasure.

>>>There you go, generalizing again. Working some other toy stations
>>>with a toy station seems trivial to me, something that might impress
>>>an 8 year old maybe. Sure, it would have been hot stuff in 1900, but
>>>this is 1994. Working the world has been done to death already. Try
>>>something new instead of constantly rehashing the accomplishments
>>>of the past. Nobody cares about the 4,715th guy to discover the source
>>>of the Nile.

>>Let me get this straight - if someone has done something prior then
>>we shouldn't bother doing the same? What an unusual philosophy!
>>That fact that *I* haven't done it is precisely what interests me.
>>Dozens have swam the channel between the islands of Lanai and Maui
>>but that didn't stop me from swimming that same channel; my time was
>>over an hour off the record but so what? That others have accomplished
>>the same didn't diminish my spirit.

>What I'm saying is that if 10,000 other students walk to class every
>day, then your walking to class shouldn't be viewed as something
>new and exciting. Riding a dayglow orange scooter topped with a beach
>umbrella to class *would* be new and exciting, the first time. After
>everybody else starts doing it, it just becomes ho-hum.

>>I think our goals are quite different; I choose to communicate with
>>equipment I can piece together myself. Meeting that challenge is
>>my reward. Anyone can spend thousand\$ for a rig, tower, beam and
>>rotor but in doing so the challenge of communicating is nonexistent.
>>From your second sentence it would seem your goal is to impress
>>others. How sad.

>No, I'd much rather impress myself, and I don't get impressed by
>plowing old ground. I'm suggesting it's more rewarding to break
>new ground than to rehash the exploits of countless others.

>
>Gary

So our kits and homebuilt rigs are 'toys', and because others have worked the world qrp we shouldn't bother... I invite you all to read the rec.radio.amateur.misc and .policy groups from time to time - it's quite entertaining!

73 from warm and sunny Hawaii,
Jeff NH6IL

From owner-qrp-1@netcom.com Sun Jan 15 14:11:37 1995
Date: Sun, 15 Jan 1995 09:57:50 -0800 (PST)
From: H Smith <hbs@crl.com>
Subject: Re: What we're up against...
Message-Id: <Pine.SUN.3.91.950115094439.419B-100000@crl7.crl.com>

On Sat, 14 Jan 1995 jeffrey@math.hawaii.edu wrote:

>
> The following conversation took place last month on one of the
> rec.radio.amateur newsgroups between Gary KE4ZV and myself. I
> posting it here to show what us QRP'ers/homebrewers are up
> against from some folks in the amateur community.
>
> ... the discussion is deleted here to save band width

>
> ... Jefery summarizes....
>
> So our kits and homebuilt rigs are 'toys', and because others
> have worked the world qrp we shouldn't bother... I invite
> you all to read the rec.radio.amateur.misc and .policy groups
> from time to time - it's quite entertaining!
>
> 73 from warm and sunny Hawaii,
> Jeff NH6IL
>

Jeff,

Please dont assume that Gary speaks for the entire Ham community. He is extremely opinionated but does occasionally have some good input. I dont agree with his opinion of qrp, however :-)

I also advise the group to read the rec.radio.amateur groups to see what you are missing. That is, see what type of unrelated stuff you are missing by keeping this a mail-list. Based on what I have seen on the r.r.a newsgroups, if we were on the usenet, our list would have been long ago bombarded by the anti-qrp, anti-cw, anti-homebrew comments and opinions.

Smitty, NA5K

Henry Smith (hbs@crl.com)

From owner-qrp-l@netcom.com Sun Jan 15 18:10:02 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: What we're up against...
Date: Sun, 15 Jan 95 15:36:57 EST5EDT
Message-Id: <1995Jan15.153657.15926@wb3ffv.ampr.org>

Ah yes, the comment that if the QRP forum was on a newsgroup instead of a mailing list the signal to noise ratio would go to pot. I deon't buy that, and never did. Anyone who has watched this list for a while will know there is a lot of "noise" on here, albeit perhaps not of the type found on some newsgroups. There is unquestionably a lot of chatter here that isn't really QRP related, although the flame wars seem fairly limited to non-existent. I haven't looked at rec.radio.amateur.homebrew or r.r.a.antenna for some time--I simply don't have the time since merely keeping up with e-mail on the QRP list consumes all my keyboard time lately--but as I recall the signal to noise ratio on those two is very good, indeed. And those are newsgroups, open to anyone with a keyboard--they do not serve a limited clientele like the QRP mailer does. I submit that signal to noise ratio is as dependant on clientele and subject matter as it is on mode of publication. I have seen many, many complaints over months and months, some posted to the list, some private e-mail to me, some verbal comments face to face, that the barrage of e-mail due to being on a list is causing some very distinct problems and hardships for a lot of people. Some put up with it grudgingly, others unsubscribe because of it; someone recently posted that his boss told him to unsubscribe, another said his sysop made him do it. A number of those leaving the list said they would return, or would have stayed, if there is a digest function like we used to have. (I recently subscribed to the BoatAnchor list, which is now available again--for a long time it was a closed list, ie, you couldn't get on or off--per my understanding--since the person who ran it had disappeared, but now it has moved elsewhere and you can get on it. I get the digest function only, and it averages 20-30 items per day. I would unsubscribe immediately if the digest was not available. An additional 20-30 e-mails per day would be intolerable. One person told me he gets 300 e-mails a day from a number of lists he is on--how DOES he handle it???) Back in Nov or Dec I took a poll on this mailer, whether folks would prefer newsgroup or mailer. I later posted the same poll request to the newsgroups, to make it a more valid representation--the newsgroups would allow me to reach many people who are no longer ion the mailer but were interested in a QRP forum. I got about 16 replies,

I think it was; interestingly, a couple said they had never subscribed and would never do so since they had been warned ahead of time about the flood of e-mail they would get! I sat down last night and started tallying the results and will post them soon. This was only a nonscientific, unofficial, for-educational-purposes-only poll, and I thought it would be fun . It was. Stay tuned... 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
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The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Sun Jan 15 20:09:13 1995
Date: Sun, 15 Jan 1995 15:07:28 -0800 (PST)
From: "H. Ward Silver" <hwardsil@seattleu.edu>
Subject: Re: What we're up against...
Message-Id: <Pine.3.07.9501151527.B9452-7100000@bach.seattleu.edu>

Gary doesn't sound like the type that would go fly-fishing either ;-)

73, Ward N0AX

From owner-qrp-l@netcom.com Sun Jan 15 21:30:25 1995
Subject: Re: What we're up against...
Date: Sun, 15 Jan 1995 15:54:25 -0800
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Message-Id: <9501151554.aa09970@paris.ics.uci.edu>

> Ah yes, the comment that if the QRP forum was on a newsgroup instead of
> a mailing list the signal to noise ratio would go to pot. I deon't buy
> that, and never did. Anyone who has watched this list for a while will
> know there is a lot of "noise" on here, albeit perhaps not of the type
> found on some newsgroups.

This is it for me, Mike. I honestly have a thin skin, and easily hurt feelings (funny for a lawyer, eh?) and the flame wars that start over on rec.radio.misc really depress me and make things hard for me. We just don't have that stuff here on the list. Only once did it happen, when one fellow made fun of CW and claimed digital was the only real mode to pursue. He quickly loosened up, but that was a very tense moment for me to tell you the truth. I started to send him cleverly worded cutting and sarcastic replies many times, but didn't send any, and I am thankful that I had some patience that week, hi hi. I want more acceptance of my own personal joys and beliefs - and I get that here. (And I suppose I

was able to give it, too, as I didn't send my angry mail to the fellow who attacked my dearest love - CW!)

- > There is unquestionably a lot of chatter here
- > that isn't really QRP related, although the flame wars seem fairly
- > limited to non-existent. I haven't looked at

Yeah, that is true, and that noise is one I can live with. It is innocuous. I just can't handle mean spirited flames....and they happen on the other groups like r.r.amateur.misc, or over on .policy.

I actually have a large kill file to handle certain people over there who seem to have no purpose in life other than to ruin my day. It is like a few of the jammers around here in SoCal. Just disheartening. Bleh!

- > newsgroups, open to anyone with a keyboard--they do not serve a limited
- > clientele like the QRP mailer does. I submit that signal to noise ratio
- > is as dependant on clientele and subject matter as it is on mode of
- > publication. I have seen many, many complaints over months and months,

I don't believe this, based on my several years of experience here on the list and over on rec.radio.amateur.misc.

- > some posted to the list, some private e-mail to me, some verbal
- > comments face to face, that the barrage of e-mail due to being on a
- > list is causing some very distinct problems and hardships for a lot of
- > people.

That is a problem that I have no solution to, but I know that there are at least limited solutions that exist, like the digest, and filters for mail readers. I use such things and keep it all manageable, and am willing to help others do so. Isn't the digest really a good solution? I haven't read any messages about the digest lately, but I thought one existed out there.

- > list said they would return, or would have stayed, if there is a digest
- > function like we used to have.

We don't have it anymore? I thought we did. Can I be updated?

My humble opinion.

72

Clark
WA3JPG

From owner-qrp-1@netcom.com Sun Jan 15 22:56:02 1995

From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: What we're up against...
Date: Sun, 15 Jan 95 21:03:24 EST5EDT
Message-Id: <1995Jan15.210324.4835@wb3ffv.ampr.org>

Commenting on a couple of these messages--no, there is no longer a digest available from the system that sends out the mailing list. When we were on think.com there was one. When we moved over here to netcom.com (when Thinking Machines went into Chapter 11), there was none and we were told by N1IST that it would be quite some time, if ever, before one was made available. (I don't know how much work, one-time or recurring, is involved in that.) Yes, there is a de facto digest available via FTP, through the hard work and dedication of Steve Modena, AB4EL, and he occasionally posts info on how to get it. Unfortunately, there are some (many?) people who do not have FTP available and thus cannot get those. For instance, I do not have FTP available to me on this BBS where I get my e-mail, although I can FTP from the system at work. Once again we get into the age-old complaint that my system doesn't do what yours does, and neither of us have the capability of Joe Blow down the street. As for the things which some consider "noise" on the QRP-L mailing list (and some have complained about from time to time)--although not everything on here is strictly QRP related, I always looked at the mailing list as a sort of de facto bulletin board for QRPers, a close knit community of people with similar interests, and somewhere where we can toss out an unrelated question and get an answer even if it's unrelated to the topic of the list--we're among friends, after all. (And we might lose that sense of community if we go to a newsgroup, although I don't claim to be an expert on that.) As for posting the results of my private, educational, nonbinding and unscientific poll on newsgroup vs. mailing list, I will post the results but not pontificate for either position, and I most certainly will not be the one to step forward and lead the charge over to a newsgroup--I am well aware that whoever does that may well get his name dragged through the mud for months or years for being the person who messed with the QRP mailing list. If anyone wants to step forward and do that at their own risk, that's up to them :-)

73
and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Mon Jan 16 00:51:07 1995
Date: Sun, 15 Jan 95 14:53:33 HST
From: jeffrey@math.hawaii.edu (Jeffrey Herman)
Message-Id: <9501160053.AA22177@kahuna.math.hawaii.edu>
Subject: Re: What we're up against...

But there **is** a daily (and 3-day) digest of QRP articles available via ftp sunsite.unc.edu. Steve is a lifesaver in providing this service for the QRP and Boatanchors email lists. Just because one has to spend a few seconds ftp'ing the digest (instead of having it automatically delivered to one's doorstep) does not in any way make it any less of a daily digest.

Jeff NH6IL

From owner-qrp-l@netcom.com Mon Jan 16 00:56:23 1995
Date: Sun, 15 Jan 1995 20:56:58 -0500 (EST)
From: Brian Mullaney <bnullane@pluto.njcc.com>
Subject: Re: What we're up against...
Message-Id: <Pine.BSI.3.91.950115205502.24899B-100000@pluto.njcc.com>

I seem to of just missed jeff's original posting- could some kind person please mail it to me if you still have it?

thanks,
Brian

Brian Mullaney | NRA N-SSA | bnullane@pluto.njcc.com